

Abstract:

The use of a robotic controller board to manage the influx of data from one or more sensors, and to send that data, in RS232 or serial form to a Palm OS Computing Device, in this case, a HandSpring Prism with a Camera to sense motion, direction and distance from objects from the Scanning device. The Prism also has an onboard Clock and other software that can be used, like Graffiti, to take notes, etc. to store data about an incident that the Scanner is or had recorded.